

### **Patent Claims**

1. Covering material for liquid substances and product heaps consisting of inert carrier material that is combined with active and hydrophobising additives,  
wherein  
the inert carrier material contains pH-value-reducing substances or substance mixtures.
2. Covering material according to Claim 1,  
wherein  
acids and salts are contained.
3. Covering material according to Claim 1 or 2,  
wherein  
inorganic and organic acids and salts are contained.
4. Covering material according to one of the Claims 1 to 3,  
wherein  
lactic acid and its salts are contained.
5. Covering material according to one of the Claims 1 to 4,  
wherein  
convertible substances are contained through micro organisms or enzymes.

6. Covering material according to one of the Claims 1 to 5,  
wherein  
substances having carbohydrates are contained.
7. Covering material according to one of the Claims 1 to 6,  
wherein  
organic residual substances having sugar and/or carbohydrates are contained.
8. Covering material according to one of the Claims 1 to 7,  
wherein  
glucose, saccharose, molasses are contained.
9. Covering material according to one of the Claims 1 to 8,  
wherein  
the carrier materials containing the active substances are combined with foils which  
are predominantly permeable for hydrogen-ions only.
10. Method for the production of covering material according to Claim 1,  
wherein  
the inert carrier material is mixed with active additives and, following this, is  
subjected to a hydrophobising treatment.
11. Method for the production of covering material according to Claim 10,  
wherein  
the active additives are fixed on the surface of the inert carrier material.

12. Method for the production of covering material according to one of the Claims 10 or 11,  
wherein  
the inert carrier material is heated before mixing and/or fixation with active additives.
13. Method for the production of covering material according to one of the Claims 10 to 12,  
wherein  
the inert carrier material is heated to a temperature between 100 and 700°C before the input of active additives.
14. Method for the production of covering material according to one of the Claims 10 to 13,  
wherein  
stearates, silicane emulsions or other hydrophobic substances are applied as hydrophobising agents.
15. Method for the production of covering material according to one of the Claims 10 to 14,  
wherein,  
between the covering material and emittent, a foil is placed which is predominantly permeable for hydrogen-ions only.